

Attorney Docket No. 081468-0356680  
Client Reference: P-1823.020-US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: HANS VAN DER LAAN, et al.

Application No.:	New Application	Confirmation No:	Not Yet Assigned
Filed:	Herewith	Group No.:	Not Yet Assigned
		Examiner	Not Yet Assigned

For: METHOD TO DETERMINE THE VALUE OF PROCESS PARAMETERS BASED ON  
SCATTEROMETRY DATA

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

APPLICATION DATA SHEET  
37 C.F.R. § 1.76

BIBLIOGRAPHIC DATA

1. Applicant information

First applicant: HANS VAN DER LAAN  
Citizenship: The Netherlands  
Residence: Olmebeek 6, NL-5501 CL Veldhoven, The Netherlands

Second applicant: RENE HUBERT JACOBUS CARPAIJ  
Citizenship: The Netherlands  
Residence: Schoonveldsingel 44, NL-5262 XN Vught, The Netherlands

Third applicant: HUGO AUGUSTINUS JOSEPH CRAMER  
Citizenship: The Netherlands  
Residence: Diepmeerven 72, NL-5646 HB Eindhoven, The Netherlands

Fourth applicant: ANTOINE GASTON MARIE KIERS  
Citizenship: The Netherlands  
Residence: Lei 53, NL-5501 DW Veldhoven, The Netherlands

2. Correspondence information

Correspondence for this application should be addressed as follows:

Customer No.: 00909

3. Application information

**Title of Invention: METHOD TO DETERMINE THE VALUE OF PROCESS PARAMETERS  
BASED ON SCATTEROMETRY DATA**

Docket number assigned to this application: 081468-0356680

Suggested Classification: Class:

Subclass:

Technology Center to which subject matter is assigned:

Total number of drawing sheets: 9

Type of application: Utility

Application is to be published. Suggested drawing figure for publication:

Secrecy order under § 5.2:

This application does not disclose subject matter of an application which is under a secrecy order pursuant to § 5.2.

**4. Representative information**

The following have a power of attorney or authorization of agent in this application:

Customer No.: 00909

**5. Domestic Priority information**

Domestic priority for this application is claimed as follows:

Application No.: 60/546,165

Filed: February 23, 2004

Status: Expired

Application No.: 10/853,724

Filed: May 26, 2004

Status: Pending

35 U.S.C. § 365(c):

Application No.: PCT/NL2005/000129

Filed: February 22, 2005

Status: Published as WO 2005-081069 A1

## **6. Assignee information**

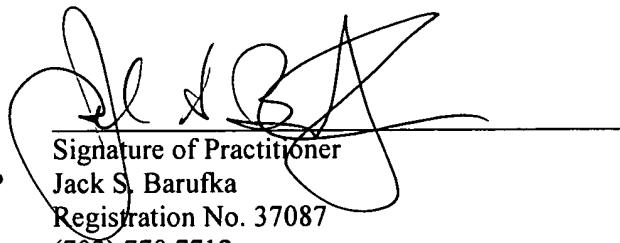
The assignee(s) of this application is/are:

ASML NETHERLANDS B.V.

De Run 6501, Veldhoven, NL-5504 DR, The Netherlands

Date: August 23, 2006

PILLSBURY WINTHROP SHAW PITTMAN LLP  
P.O. Box 10500  
McLean, VA 22102  
Customer No. 00909



\_\_\_\_\_  
Signature of Practitioner  
Jack S. Barufka  
Registration No. 37087  
(703) 770.7712